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102. (Amended) A method for producing transgenic poinsettia plants, comprising the steps of:

- (a) incubating poinsettia plant tissue explants that produce [epidermal] embryogenic callus on callus induction medium;
- (b) [culturing reddish epidermal] subculturing embryogenic callus [on] to embryo induction medium to form embryogenic callus containing embryos;
- (c)
- (i) introducing an expression vector into said incubating embryogenic callus to produce transformed embryogenic callus, wherein said expression vector comprises a selectable marker gene and a second foreign gene, or
- (ii) introducing two expression vectors into said incubating embryogenic callus to produce transformed embryogenic callus, wherein one of said expression vectors comprises a selectable marker gene, and wherein the second of said expression vectors comprises a second foreign gene;
- (d) culturing said transformed embryogenic callus on selection medium;
- (e) culturing said transformed embryogenic callus containing embryos on developmental medium;
- (f) culturing said transgenic embryos on maturation medium; and
- (g) recovering transgenic plants from said transgenic embryos.

103. (Amended) A method for producing transgenic poinsettia plants, comprising the steps of:

- (a) incubating poinsettia plant tissue explants that produce [epidermal] embryogenic callus [in] on callus induction medium;

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- (b) culturing embryogenic callus produced on said callus induction medium [in] to liquid embryo induction medium;
 - (c) filtering the culture and culturing the filtrate in fresh liquid embryo induction medium;
 - (d) filtering the culture and culturing the filtrate on solid embryo induction medium;
 - (e) culturing embryos produced on said embryo development medium on maturation medium;
 - (f) culturing said embryos on callus induction medium;
 - (g) culturing [epidermal] embryogenic callus produced on said callus induction medium [on] to embryo induction medium to form embryogenic callus containing embryos;
 - (h)
 - (i) introducing an expression vector into said embryogenic callus to produce transformed embryogenic callus, wherein said expression vector comprises a selectable marker gene and a second foreign gene, or
 - (ii) introducing two expression vectors into said embryogenic callus to produce transformed embryogenic callus, wherein one of said expression vectors comprises a selectable marker gene, and wherein the second of said expression vectors comprises a second foreign gene;
 - (i) culturing said transformed embryogenic callus on selection medium;
 - (j) culturing said transformed embryogenic callus containing embryos on developmental medium;
 - (k) culturing said transformed embryos on maturation medium;
- and
- (l) recovering transgenic plants from said transgenic embryos.

Please add new claims 107-109 as follows:

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--107. The method of claim 101, wherein said developmental medium comprises cytokinin.

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